

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0785 Driver

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	2.26
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2018 - 5/1/2018			
DWR Inspector	Zach Jojola			
Accompanied By	Oleg Yakimov DWR			
	David Julian DWR			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2013_3				
Comment Code					
Inspector Comment					
LMA has emergency supplies and equipment at the firehouse.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2013_7				
Comment Code					
Inspector Comment					
LMA had flood preparedness & training with RD 827.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2012_10				
Comment Code					
Inspector Comment					
LMA has the O&M Manual at the firehouse.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	357
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.654407 °	38.654407 °
				-121.605937 °	-121.605937 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43965					
DS_ID:22976					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation discharge pipe through the levee, 11 feet below the crown. Slant pump on the waterside (WS) slope. Pipe crosses under highway fill and discharges into an irrigation ditch. [Additional Reference(s): DWR Levee Log, 1988].					
FS Date: 3/19/2015					

Photo 1 of 2 : UCIP_SP_2018_43965_73439.jpg



Pipe visible on LS slope.

LM Start	0.00	Rating **	M	Issue No.	357 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_43965_73438.jpg



Pipe visible on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.00	Rating **	U	Issue No.	358
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.660986 °	38.660986 °	
			-121.613532 °	-121.613532 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:50617
DS_ID:22974
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 07/18/2016 Same as last inspection. Pipe is silted in as visible through the LS pumphouse. (K. Fazel - UCIP)03/19/2015 Pipe appears to be abandoned and should be done so properly as it is open on the LS inside the pumphouse. Dense vegetation on both sides of the levee. (G. Wylie - FPIIB)
FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel pipe of an unknown purpose through the levee, 10 feet below the crown. Landside (LS) end open inside a concrete pump house on the LS shoulder. Unable to find the pipe on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 122.1, August 1955, (RM 70.05), 18-inch pipe referenced, invert elevation 33.4 feet].
FS Date: 7/18/2016

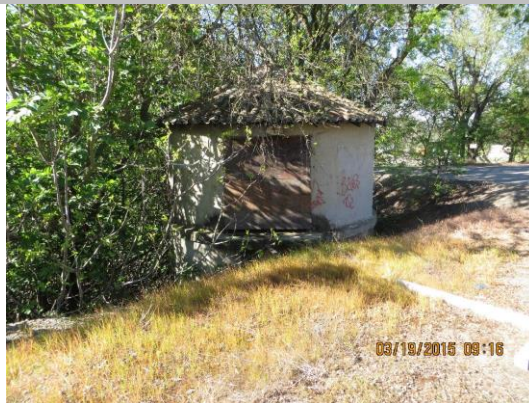
LM Start	0.00	Rating **	U	Issue No.	358 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_50617_73402.jpg



Pipe open at base of concrete building on LS shoulder. No pump found.

Photo 2 of 3 : UCIP_SP_2018_50617_73401.jpg



Pumphouse on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.00	Rating **	U	Issue No.	358 (cont)
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660986 °	38.660986 °
				-121.613532 °	-121.613532 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50617 DS_ID:22974 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/18/2016 Same as last inspection. Pipe is silted in as visible through the LS pumphouse. (K. Fazel - UCIP)03/19/2015 Pipe appears to be abandoned and should be done so properly as it is open on the LS inside the pumphouse. Dense vegetation on both sides of the levee. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel pipe of an unknown purpose through the levee, 10 feet below the crown. Landside (LS) end open inside a concrete pump house on the LS shoulder. Unable to find the pipe on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 122.1, August 1955, (RM 70.05), 18-inch pipe referenced, invert elevation 33.4 feet]. FS Date: 7/18/2016					

Photo 3 of 3 : UCIP_SP_2018_50617_73400.jpg



WS shoulder heavily vegetated. unable to search for pipe.

LM Start	0.11	Rating **	U	Issue No.	9
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.660211 °	38.660211 °
				-121.611748 °	-121.611748 °
DWR ID	DWR_RD0785_01_f_2017_9				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on landside slope that has gotten worse. The corrugated pipe is now exposed.					

Photo 1 of 3 : SP_2018_RD0785_185_9_20180501_00053.jpg



Updated view of runoff on the landside slope. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.11	Rating **	U	Issue No.	9 (cont)	
LM End	0.11	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.660211 °		38.660211 °
				-121.611748 °		-121.611748 °
DWR ID	DWR_RD0785_01_f_2017_9					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Runoff erosion on landside slope that has gotten worse. The corrugated pipe is now exposed.						

Photo 2 of 3 : SP_2018_RD0785_185_9_20180501_00052.jpg



Additional view of runoff on the landside slope. Spring 2018.

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0785_185_9_20180306_00006.jpg



View of runoff erosion on the landside slope. Fall 2017.

LM Start	0.18	Rating **	C	Issue No.	54
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.659673 °	38.659289 °
				-121.610773 °	-121.610441 °
DWR ID	DWR_RD0785_01_f_2016_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.21	Rating **	M	Issue No.	16
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.659340 °	38.646093 °
				-121.610405 °	-121.598518 °
DWR ID	DWR_RD0785_01_f_2013_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0785_185_16_20180306_00012.jpg



Brush and other vegetation partially blocks visibility or access to the levee slope. Fall 2013

LM Start	0.21	Rating **	M	Issue No.	16 (cont)
LM End	1.35	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0785_185_16_20180306_00013.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

LM Start	0.24	Rating **	M	Issue No.	24
LM End	0.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.658998 °	38.658998 °
				-121.610081 °	-121.610081 °
DWR ID	DWR_RD0785_01_s_2017_24				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on waterside slope.					

Photo 1 of 1 : SP_2018_RD0785_185_24_20180306_00017.jpg



Runoff erosion on waterside levee slope. Spring 2017.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.28	Rating **	N	Issue No.	36
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.658537 °	38.658537 °
				-121.609675 °	-121.609675 °
DWR ID	DWR_RD0785_01_s_2017_36				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_36_20180306_00025.jpg



View of stump on landside levee slope. Spring 2017.

LM Start	0.28	Rating **	A/W	Issue No.	1
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.658467 °	38.658467 °
				-121.609573 °	-121.609573 °
DWR ID	DWR_RD0785_01_s_2012_1				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_1_20180306_00001.jpg



Elderberry tree on LS slope. Fall 2016.

LM Start	0.39	Rating **	C	Issue No.	53
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.657274 °	38.657035 °
				-121.608328 °	-121.608109 °
DWR ID	DWR_RD0785_01_f_2016_53				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.40	Rating **	A/W	Issue No.	2
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657168 °	38.656697 °
				-121.608270 °	-121.607845 °
DWR ID	DWR_RD0785_01_s_2012_2				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_2_20180306_00002.jpg



Elderberry tree on LS slope. Fall 2016.

LM Start	0.45	Rating **	A/W	Issue No.	50
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.656502 °	38.656440 °
				-121.607623 °	-121.607571 °
DWR ID	DWR_RD0785_01_s_2018_50				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.51	Rating **	C	Issue No.	52
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.655794 °	38.655794 °
				-121.607111 °	-121.607111 °
DWR ID	DWR_RD0785_01_f_2016_52				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.58	Rating **	C	Issue No.	21
LM End	0.58	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.655077 °	38.655077 °
				-121.606237 °	-121.606237 °
DWR ID	DWR_RD0785_01_s_2016_21				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.59	Rating **	C	Issue No.	26
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654658 °	38.653265 °
				-121.606238 °	-121.605221 °
DWR ID	DWR_RD0785_01_f_2016_26				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.61	Rating **	M	Issue No.	351
LM End	0.61	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654881 °	38.654881 °
				-121.605848 °	-121.605848 °
DWR ID	DWR_RD0785_01_s_2015_351				
Comment Code					
EQ : Equipment					
Inspector Comment					
Floating dock.					

Photo 1 of 2 : SP_2018_RD0785_185_351_20180306_00038.jpg



Updated view of old dock on crown/waterward side. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.61	Rating **	M	Issue No.	351 (cont)	
LM End	0.61	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.654881 °		38.654881 °
				-121.605848 °		-121.605848 °
DWR ID	DWR_RD0785_01_s_2015_351					
Comment Code						
EQ : Equipment						
Inspector Comment						
Floating dock.						

Photo 2 of 2 : SP_2018_RD0785_185_351_20180306_00039.jpg



View of a old dock on the waterward side of the levee looking upstream. Spring 2015.

LM Start	0.63	Rating **	M	Issue No.	359
LM End	0.63	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.654641 °	38.654641 °
				-121.605538 °	-121.605538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43963					
DS_ID:22982					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Part of abandoned pipe also found on waterside that should be removed.No access to landside across the highway.					
FIELD_STRUCT_DESC: 2 of 2: 0.75-inch steel electrical conduit through the levee, 1 foot below the crown. [Additional Reference(s): DWR Levee Log, 1988].					
FS Date: 11/21/2013					

Photo 1 of 3 : UCIP_SP_2018_43963_45628.jpg



WS view: slant pump, walkway, and electric control box in shed on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.63	Rating **	M	Issue No.	359 (cont)	
LM End	0.63	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.654641 °	38.654641 °	
				-121.605538 °	-121.605538 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43963						
DS_ID:22982						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Part of abandoned pipe also found on waterside that should be removed.No access to landside across the highway.						
FIELD_STRUCT_DESC: 2 of 2: 0.75-inch steel electrical conduit through the levee, 1 foot below the crown. [Additional Reference(s): DWR Levee Log, 1988].						
FS Date: 11/21/2013						

Photo 2 of 3 : UCIP_SP_2018_43963_45627.jpg



WS view: slant pump and walkway on levee slope.

LM Start	0.63	Rating **	M	Issue No.	359 (cont)
LM End	0.63	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_43963_45626.jpg



WS view: two steel pipes on levee slope. Abandoned pipe on left.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.63	Rating **	M	Issue No.	56
LM End	0.71	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654611 °	38.653636 °
				-121.605538 °	-121.605061 °
DWR ID	DWR_RD0785_01_s_2017_56				
Comment Code					
EQ : Equipment					
Inspector Comment					
Bee hives.					

No Photos

LM Start	0.66	Rating **	M	Issue No.	51
LM End	0.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654322 °	38.654322 °
				-121.605181 °	-121.605181 °
DWR ID	DWR_RD0785_01_f_2016_51				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_51_20180306_00035.jpg



View of vegetation site on WS slope. Fall 2016.

LM Start	0.68	Rating **	M	Issue No.	49
LM End	0.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654144 °	38.654144 °
				-121.605117 °	-121.605117 °
DWR ID	DWR_RD0785_01_f_2016_49				
Comment Code					
EQ : Equipment					
Inspector Comment					
Abandoned crane on waterward side.					

Photo 1 of 1 : SP_2018_RD0785_185_49_20180306_00034.jpg



View of an abandoned crane on waterward side of the levee. Fall 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.68	Rating **	C	Issue No.	14
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654143 °	38.654143 °
				-121.605105 °	-121.605105 °
DWR ID	DWR_RD0785_01_f_2015_14				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	M	Issue No.	20
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654068 °	38.653472 °
				-121.605060 °	-121.605003 °
DWR ID	DWR_RD0785_01_s_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	M	Issue No.	27
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654068 °	38.653472 °
				-121.605060 °	-121.605003 °
DWR ID	DWR_RD0785_01_s_2018_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.70	Rating **	C	Issue No.	45
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.653882 °	38.653357 °
				-121.605007 °	-121.605043 °
DWR ID	DWR_RD0785_01_f_2016_45				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.76	Rating **	N	Issue No.	181
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.653003 °	38.653003 °
				-121.605061 °	-121.605061 °
DWR ID	DWR_RD0785_01_s_2014_181				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_181_20180306_00037.jpg



View of the tree stumps on the landward side of the levee looking upstream. Spring 2016.

LM Start	0.77	Rating **	A/W	Issue No.	4
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.652825 °	38.652825 °
				-121.604920 °	-121.604920 °
DWR ID	DWR_RD0785_01_s_2018_4				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Minor runoff on landside slope. Recommend monitoring.					

Photo 1 of 1 : SP_2018_RD0785_185_4_20180501_00054.jpg



View of runoff erosion on the landside slope. Spring 2018.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.85	Rating **	A/W	Issue No.	5
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.651863 °	38.650777 °
				-121.604158 °	-121.603182 °
DWR ID	DWR_RD0785_01_s_2012_5				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.86	Rating **	M	Issue No.	18
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.651790 °	38.651790 °
				-121.604014 °	-121.604014 °
DWR ID	DWR_RD0785_01_s_2018_18				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope.					

No Photos

LM Start	0.92	Rating **	C	Issue No.	23
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.651070 °	38.651070 °
				-121.603353 °	-121.603353 °
DWR ID	DWR_RD0785_01_s_2017_23				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	0.99	Rating **	N	Issue No.	28
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.650055 °	38.650055 °
				-121.602752 °	-121.602752 °
DWR ID	DWR_RD0785_01_f_2016_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_28_20180306_00018.jpg



Two decomposing tree stumps near levee toe on landside. Fall 2016.

LM Start	1.02	Rating **	M	Issue No.	29
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.649798 °	38.649798 °
				-121.602373 °	-121.602373 °
DWR ID	DWR_RD0785_01_f_2016_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope.					

Photo 1 of 2 : SP_2018_RD0785_185_29_20180306_00019.jpg



View of rodent holes on LS slope. Fall 2016.

LM Start	1.02	Rating **	M	Issue No.	29 (cont)
LM End	1.02	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0785_185_29_20180306_00020.jpg



Another view of rodent holes. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.02	Rating **	N	Issue No.	30
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.649775 °	38.649775 °
				-121.602363 °	-121.602363 °
DWR ID	DWR_RD0785_01_f_2016_30				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Decomposing tree stump near levee toe					

Photo 1 of 1 : SP_2018_RD0785_185_30_20180306_00021.jpg



View of a decomposing stump near levee toe on landside. Fall 2016.

LM Start	1.07	Rating **	M	Issue No.	48
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.649392 °	38.649392 °
				-121.601636 °	-121.601636 °
DWR ID	DWR_RD0785_01_s_2012_48				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 3 : SP_2018_RD0785_185_48_20180306_00031.jpg



View of the erosion at the toe of the levee on the landward side of the levee looking downstream. Fall 2015.

LM Start	1.07	Rating **	M	Issue No.	48 (cont)
LM End	1.07	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2018_RD0785_185_48_20180306_00032.jpg



Drain pipe is causing erosion on the landward side of the levee between the Isope and railroad tracks. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.07	Rating **	M	Issue No.	48 (cont)	
LM End	1.07	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.649392 °		38.649392 °
				-121.601636 °		-121.601636 °
DWR ID	DWR_RD0785_01_s_2012_48					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 3 of 3 : SP_2018_RD0785_185_48_20180306_00033.jpg



Perspective view of the erosion on the landward side of the levee looking downstream. Spring 2016.

LM Start	1.11	Rating **	C	Issue No.	31	
LM End	1.11	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Trim / Thin Trees			38.648813 °	38.648813 °	
				-121.601380 °	-121.601380 °	
DWR ID	DWR_RD0785_01_f_2016_31					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						
Decomposing tree stump						

No Photos

LM Start	1.12	Rating **	C	Issue No.	32
LM End	1.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.648610 °	38.648610 °
				-121.601197 °	-121.601197 °
DWR ID	DWR_RD0785_01_f_2016_32				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.17	Rating **	C	Issue No.	33
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.648127 °	38.648127 °
				-121.600677 °	-121.600677 °
DWR ID	DWR_RD0785_01_f_2016_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.19	Rating **	A/W	Issue No.	44
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.647965 °	38.647753 °
				-121.600228 °	-121.599963 °
DWR ID	DWR_RD0785_01_f_2016_44				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0785_185_44_20180306_00028.jpg



Elderberry trees on WS slope Fall 2016.

LM Start	1.19	Rating **	A/W	Issue No.	44 (cont)
LM End	1.21	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0785_185_44_20180306_00029.jpg



Elderberry trees on WS slope. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.30	Rating **	A/W	Issue No.	6
LM End	1.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.646712 °	38.646712 °
				-121.599095 °	-121.599095 °
DWR ID	DWR_RD0785_01_s_2012_6				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0785_185_6_20180306_00004.jpg



View of elderberry trees on LS slope. Fall 2016.

LM Start	1.31	Rating **	M	Issue No.	13
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.646652 °	38.646652 °
				-121.598907 °	-121.598907 °
DWR ID	DWR_RD0785_01_s_2013_13				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath still visible on the waterside slope.					

Photo 1 of 4 : SP_2018_RD0785_185_13_20180501_00051.jpg



Updated view of slope stability on the waterside slope. Spring 2018.

LM Start	1.31	Rating **	M	Issue No.	13 (cont)
LM End	1.31	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : SP_2018_RD0785_185_13_20180306_00007.jpg



Updated view of the slope stability site. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.31	Rating **	M	Issue No.	13 (cont)	
LM End	1.31	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.646652 °		38.646652 °
				-121.598907 °		-121.598907 °
DWR ID	DWR_RD0785_01_s_2013_13					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						
Footpath still visible on the waterside slope.						

LM Start	1.31	Rating **	M	Issue No.	13 (cont)
LM End	1.31	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP_2018_RD0785_185_13_20180306_00008.jpg



Updated view of the slope stability site. Fall 2016.

Photo 4 of 4 : SP_2018_RD0785_185_13_20180306_00009.jpg



View of the slope stability on the waterward side of the levee. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.31	Rating **	M	Issue No.	360	
LM End	1.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.646547 °	38.646547 °	
				-121.598924 °	-121.598924 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41984						
DS_ID:22978						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation on waterside. No pipe found/visible on waterside.						
FIELD_STRUCT_DESC: 12-inch steel pipe of an unknown purpose through the levee, 6 feet below the crown. Steel plate bolted to each end. [Additional Reference(s): DWR Levee Log, 1988].						
FS Date: 11/21/2013						

LM Start	1.31	Rating **	M	Issue No.	360 (cont)
LM End	1.31	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_41984_44484.jpg



WS view: crown and waterside. No pipe found due to dense vegetation.

Photo 2 of 2 : UCIP_SP_2018_41984_44483.jpg



LS view: plate bolted pipe on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.51	Rating **	M	Issue No.	55
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.644349 °	38.644349 °
				-121.596506 °	-121.596506 °
DWR ID	DWR_RD0785_01_f_2017_55				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff on waterside slope.					

Photo 1 of 1 : SP_2018_RD0785_185_55_20180306_00036.jpg



View of the runoff erosion on the waterside slope. Fall 2017.

LM Start	1.61	Rating **	M	Issue No.	22
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.643359 °	38.643229 °
				-121.595237 °	-121.595011 °
DWR ID	DWR_RD0785_01_s_2016_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees still need trimming.					

Photo 1 of 1 : SP_2018_RD0785_185_22_20180306_00016.jpg



Fall 2016.

LM Start	1.66	Rating **	M	Issue No.	25
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.642942 °	38.642942 °
				-121.594523 °	-121.594523 °
DWR ID	DWR_RD0785_01_f_2017_25				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on waterside slope.					

Photo 1 of 1 : SP_2018_RD0785_185_25_20180501_00050.jpg



View of pruning pile on the waterside slope. Spring 2018.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	1.68	Rating **	N	Issue No.	356
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.642650 °	38.642650 °
				-121.594168 °	-121.594168 °
DWR ID	DWR_RD0785_01_s_2015_356				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.79	Rating **	C	Issue No.	39
LM End	1.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641910 °	38.641910 °
				-121.592389 °	-121.592389 °
DWR ID	DWR_RD0785_01_f_2017_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.87	Rating **	C	Issue No.	42
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641757 °	38.641680 °
				-121.591045 °	-121.589997 °
DWR ID	DWR_RD0785_01_s_2018_42				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	05/01/2018 05/01/2018	Zach Jojola

LM Start	2.01	Rating **	M	Issue No.	8
LM End	2.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641643 °	38.642007 °
				-121.588441 °	-121.587009 °
DWR ID	DWR_RD0785_01_s_2012_8				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be trimmed for visibility. Pine trees and oleander planted on shoulder.					

Photo 1 of 1 : SP_2018_RD0785_185_8_20180306_00005.jpg



View of the pines on the shoulder of the landward side of the levee looking downstream. Spring 2016.

LM Start	2.02	Rating **	M	Issue No.	41
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.641687 °	38.641687 °
				-121.588287 °	-121.588287 °
DWR ID	DWR_RD0785_01_f_2016_41				
Comment Code					
ST : Stairway					
Inspector Comment					
Old wooden steps					

Photo 1 of 1 : SP_2018_RD0785_185_41_20180306_00027.jpg



View of old abandoned stairway on LS slope. Fall 2016.

LM Start	2.23	Rating **	A/W	Issue No.	19
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.642908 °	38.642908 °
				-121.584647 °	-121.584647 °
DWR ID	DWR_RD0785_01_s_2018_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff erosion on waterside slope. Recommend monitoring.					

Photo 1 of 1 : SP_2018_RD0785_185_19_20180306_00014.jpg



View of runoff erosion on the waterside slope. Fall 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	3.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/17/2018 - 4/17/2018			
DWR Inspector	Zach Jojola			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	-0.01	Rating **	A/W	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.641279 °	38.641243 °
				-121.620548 °	-121.620526 °
DWR ID	DWR_RD0785_02_s_2018_10				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle ruts on the crown.					

No Photos

LM Start	0.00	Rating **	C	Issue No.	5
LM End	0.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641206 °	38.632842 °
				-121.620482 °	-121.615392 °
DWR ID	DWR_RD0785_02_f_2016_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	0.01	Rating **	M	Issue No.	281	
LM End	0.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.641086 °	38.641086 °	
				-121.620350 °	-121.620350 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:24750 DS_ID:22985 EP_NO: 16982 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a damaged indicator post found on landside across the road.Damaged indicator needs to be fixed. FIELD_STRUCT_DESC: Three 2-inch-diameter and three 1.5-inch diameter HDPE conduits containing fiber optic cables across and under the east levee (County Road 124), 67 feet below the crown. HDPE pipes were pulled through an 8-inch bore hole and backfilled with bentonite. (App. No. 16982 - Pacific Fiber Link) FS Date: 12/2/2013						

LM Start	0.01	Rating **	M	Issue No.	281 (cont)
LM End	0.01	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_24750_44372.jpg



LS view: damaged indicator post across the levee road.

Photo 2 of 2 : UCIP_SP_2018_24750_44371.jpg



LS view: closer view of damaged indicator post.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	0.05	Rating **	C	Issue No.	6
LM End	0.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.640649 °	38.632842 °
				-121.620039 °	-121.615392 °
DWR ID	DWR_RD0785_02_f_2016_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.11	Rating **	M	Issue No.	282
LM End	0.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.639874 °	38.639874 °
				-121.619612 °	-121.619612 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41985 DS_ID:22983 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on waterside. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe of an unknown purpose through the levee, 5.8 feet below the crown. Pipe open and in poor condition. Pipe should be removed or grouted. Pipe visible on the landside (LS) slope. (Martha Ensher). [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 122.1, August 1955, (Station 169+25), invert elevation 32.1 feet]. FS Date: 12/2/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	283
LM End	0.14	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.639385 °	38.639385 °
				-121.619316 °	-121.619316 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43383 DS_ID:22988 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on waterside FIELD_STRUCT_DESC: *DELETE* DUPLICATE FS Date: 2/13/2015					

No Photos

LM Start	0.26	Rating **	C	Issue No.	26
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.637913 °	38.637913 °
				-121.618388 °	-121.618388 °
DWR ID	DWR_RD0785_02_s_2012_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	0.38	Rating **	A/W	Issue No.	280
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.636265 °	38.636265 °
				-121.617422 °	-121.617422 °
DWR ID	DWR_RD0785_02_s_2015_280				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Seems to be a bulge at the toe of the levee. Recommend monitoring.					

Photo 1 of 1 : SP_2018_RD0785_186_280_20180306_00007.jpg



View of the slope stability on the landward side of the levee looking upstream. Spring 2016.

LM Start	0.62	Rating **	M	Issue No.	9
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.633110 °	38.633110 °
				-121.615594 °	-121.615594 °
DWR ID	DWR_RD0785_02_s_2018_9				
Comment Code					
DE : Debris					
Inspector Comment					
Washer and dryer on the waterside slope.					

No Photos

LM Start	1.14	Rating **	A/W	Issue No.	7
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626440 °	38.626440 °
				-121.611164 °	-121.611164 °
DWR ID	DWR_RD0785_02_f_2017_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor sloughing on waterside hinge point. Recommend monitoring.					

Photo 1 of 1 : SP_2018_RD0785_186_7_20180306_00003.jpg



View of sloughing section on waterside hinge point. Fall 2017.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	1.52	Rating **	M	Issue No.	24
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621694 °	38.621694 °
				-121.607610 °	-121.607610 °
DWR ID	DWR_RD0785_02_s_2017_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath for environmental access site. There is a noticeable dip on the waterside slope.					

Photo 1 of 1 : SP_2018_RD0785_186_24_20180306_00006.jpg



View of slope stability on waterside levee slope. Spring 2017.

LM Start	1.69	Rating **	C	Issue No.	16
LM End	1.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.619489 °	38.619489 °
				-121.605967 °	-121.605967 °
DWR ID	DWR_RD0785_02_s_2017_16				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Ruts from vehicle traffic.					

No Photos

LM Start	1.76	Rating **	A/W	Issue No.	8
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.618651 °	38.618651 °
				-121.605307 °	-121.605307 °
DWR ID	DWR_RD0785_02_s_2018_8				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Beginning of small rill on the waterside slope. Recommend monitoring.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/17/2018 04/17/2018	Zach Jojola

LM Start	2.04	Rating **	C	Issue No.	17
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.615215 °	38.615215 °
				-121.602596 °	-121.602596 °
DWR ID	DWR_RD0785_02_f_2016_17				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Historical sloughing site that was repaired and has considerable desiccation cracks. Recommend monitoring.					

No Photos

LM Start	2.99	Rating **	M	Issue No.	19
LM End	2.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603503 °	38.603503 °
				-121.593471 °	-121.593471 °
DWR ID	DWR_RD0785_02_f_2016_19				
Comment Code					
PI : Pipe					
Inspector Comment					
Capped pipe on WS slope going down to the water. This is a pending CVFPB enforcement item.					

Photo 1 of 1 : SP_2018_RD0785_186_19_20180306_00005.jpg



View of a capped galvanized pipe on WS slope. Fall 2016.

LM Start	3.28	Rating **	M	Issue No.	4
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.599875 °	38.599875 °
				-121.590654 °	-121.590654 °
DWR ID	DWR_RD0785_02_s_2018_4				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree branches on the waterside slope.					

Photo 1 of 1 : SP_2018_RD0785_186_4_20180419_00010.jpg



View of tree branches on the waterside slope. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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